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WAR FOOD ADMINISTRATION

U. S. Food Distribution Administration
Washington 25, D. C.

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U. S. Department of Agriculture

INSTRUCTIONS TO REGIONAL OFFICES IN CONNECTION WITH ICE SURVEY

SURVEY PERIOD: July 1, 1942 through June 30, 1943

Survey to be Regional
Classified within the
Region according to
producing and consuming
areas normally recognized
by the Ice Industry.

In making the survey, consideration should be given not only to those areas where acute and continuing shortages have already occurred but must embrace all ice producing localities and every possible effort made to make survey as accurate and complete as possible. Whereas one particular

area may not show any indication of a possible shortage or require any attention or consideration involving additional production and/or storage facilities, yet part of the production from that particular area might be used to relieve an existing emergency elsewhere.

With the exception of the reference to the 1943-44 period, (July through June) in all other instances, references to "yearly" and "quarterly" periods, cover the months indicated above; viz. July 1st, 1942 through June 30, 1943.

Ascertain the following information on both WHITE ICE for car icing and CLEAR ICE for all other consumer uses:

- (1) Number of plants (with names and addresses) actually in operation.
- (2) Rated capacity in tons per 24 hour period.
- (3) Total capacity production in tons, by quarters and total for period.
- (4) Total requirements in tons, by quarters and total for period.
- (5) Estimated requirements in tons, by quarters and total for period. (July through June)

PRODUCTION: There is to be taken into consideration the possibility of increasing the present production volume of plants, through mechanical improvement (a) minor remodeling of equipment to increase efficiency, (b) putting back into service idle equipment such as tanks which are available but not now being used or back into service plants not actually in operation but which could be operated with a minimum of overhauling (c) increasing production capacity by adding compressor, condenser or freezing capacity (please supply complete details, plant names, location, etc.)

STORAGE: Ascertain available storage facilities (in tons) now actually being used for reserve seasonal supply. Also the amount of unused ice storage facilities which might be utilized in its present state or after over-hauling, repair, etc.

GOVERNING FACTORS

1. Car Icing: In planning the survey, use all available Federal and/or State agencies, for the purpose of developing and compiling statistical data, in arriving at crop production, meat, dairy, poultry and fish supplies, during peak production and shipping periods, ascertaining past, present and future ice requirements

in connection therewith, making allowance for possible indicated estimated increases in acreage, yield, processing etc.

2. ELEMENTS: Weather must be considered as an important factor in attempting to foresee and plan for, possible emergencies. It might be well to investigate from available charts, over a period of several years, the average seasonal weather conditions, comparing this information with available statistical records covering seasonal movements and production of commercial fruit and vegetable crops, poultry, meat, fish supplies, etc. including information relative to the type and ice tonnage used. An examination of the compilation of these records should prove of material assistance in planning for reserve storage of ice.

3. Consumption requirements based upon civilian, commercial Armed Services, War Plant increases, in area population, etc.

Full consideration should be given to the requirements of the following:

- (a) Armed forces
- (b) Hospitals, institutions and private consumers
- (c) Commercial consumers such as hotels, restaurants, retailers, wholesalers of food, etc.
- (d) Industrial food producing or processing such as fishing boats, fruit & vegetable packing houses, etc.
- (e) Shipping, such as car icing, re-icing, boat icing, etc.

An effort should be made to determine the relationship of any and/or all of the above, to peak requirement periods, as against existing production and/or storage facilities.

Another important factor to be considered from the standpoint of peak requirement is the estimated quantity of ice that could be shipped in from nearby producing localities, and also the quantity of ice that could likewise be shipped out to nearby localities, during periods of greatly increased demand.

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ICE SURVEY

Region _____ Area of location _____
July 1, 1942 - June 30, 1943
 Period _____ State(s) _____

1. Number of plants (with names and addresses) actually in operation

(If necessary show this information on separate sheet)

2. Rated capacity in Tons per 24-hour period WHITE _____ CLEAR _____

Using as a basis the period established for the survey, report the following information.

3. Yearly capacity production in Tons: WHITE _____ CLEAR _____ TOTAL _____

(a) Quarterly production in tons: 1st quar. WHITE _____ CLEAR _____

2nd quar. " _____ " _____

3rd quar. " _____ " _____

4th quar. " _____ " _____

4. Yearly requirements in Tons: WHITE _____ CLEAR _____ TOTAL _____

(a) Quarterly requirements, tons 1st quar. WHITE _____ CLEAR _____

2nd quar. " _____ " _____

3rd quar. " _____ " _____

4th quar. " _____ " _____

5. Estimated quarterly requirements in tons, Period 1943-44: 1st quar. WHITE _____ CLEAR _____

2nd quar. " _____ " _____

3rd quar. " _____ " _____

4th quar. " _____ " _____

In arriving at the estimated quarterly requirement figures for 1943-44, full consideration must be given to (1) indicated reductions or increases in civilian and/or military population and resultant consumption requirements, (2) quarterly carrying requirements based upon fruit and vegetable, dairy, poultry, meat, fish and other perishable movements (as indicated in available Federal-State crop reports,

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etc.), (3) average prevailing weather conditions for the quarters reported.

Use the space provided immediately below for additional information relative to the above requirements. Should the estimated requirement figures for 1943-44 prove to be in excess of available production-storage facilities in any one quarter, indicate whether or not ice will be available for shipping in from other localities (or vice-versa), and the approximate quantity, location, etc.

6. During peak requirement period or periods, if ice was shipped in from normally used locality or area, give locations, periods and quantities
PERIOD _____ TONS _____

7. During peak requirement period or periods, if ice was shipped out to normally used locality or area, give locations, periods and quantities
PERIOD _____ TONS _____

PRODUCTION

8. Is minor remodeling of equipment necessary to increase efficiency?
YES _____ NO _____
9. Is there available idle equipment that could be put back in service?
YES _____ NO _____
10. Is there available a plant not actually in operation but which could be operated with a minimum of overhauling? YES _____ NO _____
11. Can freezing capacity be increased by adding compressor, condenser, or freezing capacity? YES _____ NO _____

(If affirmative answers are given to any of above Production questions, give plant names, location and capacities; also estimated increase in

production expected as result of alterations, additions, etc.)

STORAGE

12. Give available ice storage facilities now actually being used for Reserve Seasonal supply.
13. Give the amount of unused ice storage facilities which might be utilized in its present state;

(a) Which might be used after overhauling or repair

(Furnish tonnage, names and locations.)

PERISHABLE CAR ICING

14. Using as a basis the period established for the survey, report the following information.

1941-42

1942-43

(a) WHITE ICE used for car icing	1st quar.	_____	_____
	2nd "	_____	_____
	3rd "	_____	_____
	4th "	_____	_____

In the space provided immediately below, furnish whatever information is available that may indicate the possibility of a decline or an increase in

the estimated requirements for the comparable 1943-44 quarterly periods.

Regional Director

Region

Date _____